## AMENDMENTS TO THE SPECIFICATION

Please amend the paragraph following the caption "Cross Reference to Related Applications" on page 1 of the specification (which paragraph was added by preliminary amendment on Sept 1, 2001) as follows:

This patent application claims priority to PCT patent application US01/13793, filed 26 April 2001; which claims priority to U.S. patent application Serial No. 09/560,367, filed 28 April 2000; U.S. Serial Nos. 09/825,856, filed 3 April 2001; and U.S. Serial Nos. 09/825,876, filed 3 April 2001; and which also claims the benefit of the filing date of U.S. Provisional Application Serial Nos. 60/232,696, filed 14 September 2000, 60/257,517, filed 21 December 2000, and ~~60/239,020~~ 60/269,020, filed 13 February 2001~~, each of which is incorporated herein by reference~~.

KK 4/27/05

Please amend paragraph [371] as follows:

[371] The step 2 product pool was evaporated to an oil using two 20-L rotovaps. During evaporation it was necessary to add ethanol in order to minimize foaming. The dried material was re-suspended in 1:0 L of methanol and diluted with 0.67 L of water to make 1.67 L of a 60% methanol solution. The resulting solution was loaded onto a 1-L C18 chromatography column (55 x 4.8 cm) that had previously been equilibrated with 3 column volumes of 60% methanol. The loading flow rate averaged at 64 mL/min. The loaded column was washed with one liter of 60% methanol, and elution of the epothilone D product was carried out isocratically using 70% methanol at a flow rate of 33 mL/min. A total of 27 fractions were collected, with the first fraction containing 3.8 L by volume. This was followed by three 500-mL fractions and twenty-three 250-mL fractions. Fractions 5-20 were taken as the best pool (K125-179-D), containing 4.8 g of epothilone D. Fractions 3-4 (K125-179-C) contained 1.4 g of epothilone D. Because this pool also contained high concentrations of epothilone C, it was set aside for re-work ~~(Step 3b)~~.

(12) INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

CORRECTED VERSION

(19) World Intellectual Property Organization
International Bureau

(43) International Publication Date
8 November 2001 (08.11.2001)

PCT

(10) International Publication Number
WO 01/083800 A2

(51) International Patent Classification[7]: C12P 17/00

(21) International Application Number: PCT/US01/13793

(22) International Filing Date: 26 April 2001 (26.04.2001)

(25) Filing Language: English

(26) Publication Language: English

(30) Priority Data:

| | | |
|---|---|---|
| 09/560,367 | 28 April 2000 (28.04.2000) | US |
| 60/232,696 | 14 September 2000 (14.09.2000) | US |
| 60/257,517 | 21 December 2000 (21.12.2000) | US |
| 09/825,856 | 3 April 2001 (03.04.2001) | US |
| 09/825,876 | 3 April 2001 (03.04.2001) | US |
| 60/269,020 | 13 April 2001 (13.04.2001) | US |


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(81) Designated States *(national)*: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CR, CU, CZ, DE, DK, DM, DZ, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZW.

(84) Designated States *(regional)*: ARIPO patent (GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW), Eurasian patent (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European patent (AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR), OAPI patent (BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG).

**Published:**
— *without international search report and to be republished upon receipt of that report*

(48) Date of publication of this corrected version:
3 January 2003

(15) Information about Correction:
see PCT Gazette No. 01/2003 of 3 January 2003, Section II

*For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.*

WO 01/083800 A2

(54) Title: PRODUCTION OF POLYKETIDES

(57) Abstract: Recombinant *Myxococcus* host cells can be used to produce polyketides, including epothilone and epothilone analogs that can be purified from the fermentation broth and crystallized.

09/957,483 claims priority from

PALM INTRANET

Day : Thursday
Date: 4/28/2005

Time: 11:42:49

# Continuity Information for PCT/US01/13793

**Parent Data**

PCT/US01/13793
**is a continuation of** 09560367
**Claims Priority from Provisional Application** 60232696
**Claims Priority from Provisional Application** 60257517
**is a continuation of** 09825856
**is a continuation of** 09825876
**Claims Priority from Provisional Application** 60269020
~~**is a continuation of** 60232696~~

**Child Data**

**No Child Data**

Appln Info | Contents | Petition Info | Atty/Agent Info | **Continuity Data** | Foreign Data | Invent

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